

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A graft polyol ~~having a bimodal particle size distribution and a total solids content of from 5 to 65% by weight, containing~~ comprising small particles having a particle diameter of from 0.05 to 0.7 μm and large particles having a particle diameter of 0.4 to 5.0 μm , wherein the graft polyol has a bimodal particle size distribution, the peaks of the large and small particles measured by the Fraunhofer diffraction method in combination with polarization intensity differential scattering do not overlap, ~~overlapping,~~ and

the graft polyol has a total solids content of from 5 to 65% by weight

[[a]] wherein the total content of the solids ~~having the defined particle sizes consisting~~ consists of a volume fraction of from 5 to 45% of the small particles and a volume fraction of from 95 to 55% of the large particles, wherein the ~~these~~ volume fractions of the small and large particles sum up summing to 100%.

Claim 2 (Currently Amended): A ~~The~~ graft polyol as claimed in claim 1, ~~which contains small particles, which are characterized by a~~ wherein the peak which of the small particles, measured by the Fraunhofer diffraction method in combination with polarization intensity differential scattering, begins in a range of from 0.05 to 0.08 μm and ends in a range of from 0.4 to 0.7 μm and the peak of the large particles, measured by the Fraunhofer diffraction method in combination with polarization intensity differential scattering, ~~which are characterized by a peak which~~ begins in a range of from 0.4 to 1.0 μm and ends in a range of from 1.2 to 5.0 μm , ~~measured in each case by the Fraunhofer diffraction method in combination with polarization intensity differential scattering, the measured peaks not~~

overlapping.

Claim 3 (Currently Amended): A The graft polyol as claimed in ~~claim 1 or 2, which~~ claim 1, wherein said graft polyol has a viscosity at 25°C which is at least 5% lower than the viscosity of a graft polyol having a monomodal particle size distribution and has exclusively small or large particles, ~~assuming that~~ wherein the graft polyol having a monomodal particle size distribution ~~polyols to be compared do~~ does not differ in solids content and in the starting materials from the graft polyol as claimed in claim 1.

Claim 4 (Currently Amended): A The graft polyol as claimed in claim 1, ~~any of~~ ~~claims 1 to 3~~, wherein the small particles have a diameter of from 0.1 to 0.5 μm and the large particles have a diameter of from 0.5 to 4.0 μm .

Claim 5 (Currently Amended): A The graft polyol as claimed in claim 1, ~~any of~~ ~~claims 1 to 4~~, wherein the total solids content of the graft polyol is from 10 to 50% by weight.

Claim 6 (Currently Amended): A The graft polyol as claimed in claim 1, ~~any of~~ ~~claims 1 to 5~~, wherein the total content of the solids ~~having the defined particle sizes~~ consists of a volume fraction of from 10 to 40% by weight of the small particles and a volume fraction of from 90 to 60% by weight of the large particles, ~~wherein the~~ these volume fractions of the small and large particles sum up summing to 100%.

Claim 7 (Currently Amended): A process for the preparation of the graft polyols ~~having a bimodal particle size distribution~~ as claimed in claim 1 comprising: claim 1, wherein

mixing (i) at least one graft polyol having a monomodal particle size distribution with small particles which have a diameter of from 0.05 to 0.7 μm ~~and~~ with (ii) at least one graft polyol having a monomodal particle size distribution with large particles which have a diameter of from 0.4 to 5.0 μm ~~are mixed with one another in a ratio such that to form a graft polyol having a bimodal particle size distribution wherein~~ the total solids content of the ~~resulting~~ graft polyol having a bimodal particle size distribution consists of a volume fraction of from 5 to 45% of small particles and a volume fraction of from 95 to 55% of large particles, wherein the volume fractions of the small and large particles sum up summing to 100%.

Claim 8 (Currently Amended): A The process as claimed in claim 7, wherein the ~~graft polyol having a monomodal particle size distribution with small particles which is used is one having~~ have a particle diameter of from 0.1 to 0.5 μm .

Claim 9 (Currently Amended): A The process as claimed in claim 7, claim 7 or 8, wherein the ~~graft polyol having a monomodal particle size distribution of large particles which is used is one having~~ have a particle diameter of from 0.5 to 4.0 μm

Claim 10 (Currently Amended): A The process as claimed in claim 7, any of claims 7 to 9, wherein the graft polyol having a bimodal particle size distribution has from 10 to 40% by volume of the graft polyol having a monomodal particle size distribution with small particles is used in a volume fraction of from 10 to 40% and from 90 to 60% of the graft polyol having a monomodal particle size distribution of large particles, particles is used in a volume fraction of from 90 to 60%, these wherein the volume fractions of the graft polyols having a monomodal particle size distribution with small and large particles sum up summing

to 100%.

Claim 11 (Currently Amended): A process for the preparation of a graft polyol having a bimodal particle size distribution as claimed in claim 1 in a semibatch process, wherein the initially taken reaction mixture contains in each case at least one carrier polyol, a macromer and a graft polyol having a monomodal particle size distribution, more than 3% by weight of the solids content in the resulting graft polyol consisting of the solids content of the graft polyol used in the initially taken reaction mixture and having a monomodal particle size distribution, and the ~~weight~~ amount of the macromer used in the initially taken reaction mixture is from 1 to 30% by weight, based on the total weight of the ethylenically unsaturated monomers ~~used, which is at least sufficiently large that~~ wherein the amount is sufficient to form small particles ~~are formed~~ in the further course of the reaction.

Claim 12 (Currently Amended): A process as claimed in claim 11, wherein the amount of macromer used in the initially taken reaction mixture is from 2 to 15% by weight, based on the amount of the ethylenically unsaturated monomers. ~~monomers used for the resulting graft polyol.~~

Claim 13 (Currently Amended): A process as claimed in claim 11, ~~claim 11 or 12~~, wherein the macromer is a polyol having an average molecular weight of more than 2 000 g/mol and a functionality of ≥ 2 , ~~which possesses~~ wherein said macromer has at least one terminal, polymerizable, ethylenically unsaturated group.

Claim 14 (Original): A process as claimed in claim 13, wherein the macromer is a polyol having an average molecular weight of more than 3 000 g/mol.

Claim 15 (Currently Amended): A polyurethane which comprises the graft polyol as claimed in claim 1. ~~The use of a graft polyol as claimed in any of claims 1 to 6 for the preparation of polyurethanes.~~

Claim 16 (Currently Amended): A process for the preparation of polyurethanes comprising by

reacting (a) organic and/or modified organic polyisocyanates ~~(a)~~ with (b) graft polyols ~~(b)~~ and, ~~if required, further~~ optionally (c) additional compounds ~~(e)~~ having hydrogen atoms reactive toward isocyanates, in the presence of (d) catalysts, ~~catalysts (d), if required (e)~~ optionally water and/or other blowing agents ~~(e)~~ and, ~~if required, further~~ optionally (f) additional assistants and additives, ~~additives (f)~~,

wherein the (b) graft polyols ~~(b)~~ ~~used are those having~~ have a bimodal particle size distribution and a total solids content of from 5 to 65% by weight, ~~containing which~~ comprises small particles having a diameter of from 0.05 to 0.7 μm and large particles having a diameter of from 0.4 to 5.0 μm ,

the peaks of the large and small particles measured by the light scattering method do not ~~overlap, overlapping,~~

and a the total content of solids ~~having the defined particle sizes consisting~~ consists of a volume fraction of from 5 to 45% of the small particles and a volume fraction of from 95 to 55% of the large particles, ~~these~~ wherein the volume fractions of the small and large particles sum up ~~summing~~ to 100%.